

## PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

1. **Introduction**  
 2. **Background**  
 3. **Methodology**  
 4. **Results**  
 5. **Discussion**  
 6. **Conclusion**  
 7. **References**  
 8. **Appendix**  
 9. **Notes**  
 10. **References**  
 11. **Appendix**  
 12. **Notes**  
 13. **References**  
 14. **Appendix**  
 15. **Notes**  
 16. **References**  
 17. **Appendix**  
 18. **Notes**  
 19. **References**  
 20. **Appendix**  
 21. **Notes**  
 22. **References**  
 23. **Appendix**  
 24. **Notes**  
 25. **References**  
 26. **Appendix**  
 27. **Notes**  
 28. **References**  
 29. **Appendix**  
 30. **Notes**  
 31. **References**  
 32. **Appendix**  
 33. **Notes**  
 34. **References**  
 35. **Appendix**  
 36. **Notes**  
 37. **References**  
 38. **Appendix**  
 39. **Notes**  
 40. **References**  
 41. **Appendix**  
 42. **Notes**  
 43. **References**  
 44. **Appendix**  
 45. **Notes**  
 46. **References**  
 47. **Appendix**  
 48. **Notes**  
 49. **References**  
 50. **Appendix**  
 51. **Notes**  
 52. **References**  
 53. **Appendix**  
 54. **Notes**  
 55. **References**  
 56. **Appendix**  
 57. **Notes**  
 58. **References**  
 59. **Appendix**  
 60. **Notes**  
 61. **References**  
 62. **Appendix**  
 63. **Notes**  
 64. **References**  
 65. **Appendix**  
 66. **Notes**  
 67. **References**  
 68. **Appendix**  
 69. **Notes**  
 70. **References**  
 71. **Appendix**  
 72. **Notes**  
 73. **References**  
 74. **Appendix**  
 75. **Notes**  
 76. **References**  
 77. **Appendix**  
 78. **Notes**  
 79. **References**  
 80. **Appendix**  
 81. **Notes**  
 82. **References**  
 83. **Appendix**  
 84. **Notes**  
 85. **References**  
 86. **Appendix**  
 87. **Notes**  
 88. **References**  
 89. **Appendix**  
 90. **Notes**  
 91. **References**  
 92. **Appendix**  
 93. **Notes**  
 94. **References**  
 95. **Appendix**  
 96. **Notes**  
 97. **References**  
 98. **Appendix**  
 99. **Notes**  
 100. **References**  
 101. **Appendix**  
 102. **Notes**  
 103. **References**  
 104. **Appendix**  
 105. **Notes**  
 106. **References**  
 107. **Appendix**  
 108. **Notes**  
 109. **References**  
 110. **Appendix**  
 111. **Notes**  
 112. **References**  
 113. **Appendix**  
 114. **Notes**  
 115. **References**  
 116. **Appendix**  
 117. **Notes**  
 118. **References**  
 119. **Appendix**  
 120. **Notes**  
 121. **References**  
 122. **Appendix**  
 123. **Notes**  
 124. **References**  
 125. **Appendix**  
 126. **Notes**  
 127. **References**  
 128. **Appendix**  
 129. **Notes**  
 130. **References**  
 131. **Appendix**  
 132. **Notes**  
 133. **References**  
 134. **Appendix**  
 135. **Notes**  
 136. **References**  
 137. **Appendix**  
 138. **Notes**  
 139. **References**  
 140. **Appendix**  
 141. **Notes**  
 142. **References**  
 143. **Appendix**  
 144. **Notes**  
 145. **References**  
 146. **Appendix**  
 147. **Notes**  
 148. **References**  
 149. **Appendix**  
 150. **Notes**  
 151. **References**  
 152. **Appendix**  
 153. **Notes**  
 154. **References**  
 155. **Appendix**  
 156. **Notes**  
 157. **References**  
 158. **Appendix**  
 159. **Notes**  
 160. **References**  
 161. **Appendix**  
 162. **Notes**  
 163. **References**  
 164. **Appendix**  
 165. **Notes**  
 166. **References**  
 167. **Appendix**  
 168. **Notes**  
 169. **References**  
 170. **Appendix**  
 171. **Notes**  
 172. **References**  
 173. **Appendix**  
 174. **Notes**  
 175. **References**  
 176. **Appendix**  
 177. **Notes**  
 178. **References**  
 179. **Appendix**  
 180. **Notes**  
 181. **References**  
 182. **Appendix**  
 183. **Notes**  
 184. **References**  
 185. **Appendix**  
 186. **Notes**  
 187. **References**  
 188. **Appendix**  
 189. **Notes**  
 190. **References**  
 191. **Appendix**  
 192. **Notes**  
 193. **References**  
 194. **Appendix**  
 195. **Notes**  
 196. **References**  
 197. **Appendix**  
 198. **Notes**  
 199. **References**  
 200. **Appendix**  
 201. **Notes**  
 202. **References**  
 203. **Appendix**  
 204. **Notes**  
 205. **References**  
 206. **Appendix**  
 207. **Notes**  
 208. **References**  
 209. **Appendix**  
 210. **Notes**  
 211. **References**  
 212. **Appendix**  
 213. **Notes**  
 214. **References**  
 215. **Appendix**  
 216. **Notes**  
 217. **References**  
 218. **Appendix**  
 219. **Notes**  
 220. **References**  
 221. **Appendix**  
 222. **Notes**  
 223. **References**  
 224. **Appendix**  
 225. **Notes**  
 226. **References**  
 227. **Appendix**  
 228. **Notes**  
 229. **References**  
 230. **Appendix**  
 231. **Notes**  
 232. **References**  
 233. **Appendix**  
 234. **Notes**  
 235. **References**  
 236. **Appendix**  
 237. **Notes**  
 238. **References**  
 239. **Appendix**  
 240. **Notes**  
 241. **References**  
 242. **Appendix**  
 243. **Notes**  
 244. **References**  
 245. **Appendix**  
 246. **Notes**  
 247. **References**  
 248. **Appendix**  
 249. **Notes**  
 250. **References**  
 251. **Appendix**  
 252. **Notes**  
 253. **References**  
 254. **Appendix**  
 255. **Notes**  
 256. **References**  
 257. **Appendix**  
 25

**CERTIFICATE OF FIRST CLASS MAIL**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, Washington, DC 20231, on the date indicated below.

Robert C. Kowert

Name of Registered Representative

May 30, 2002  
Date

Signature \_\_\_\_\_

## POWER OF ATTORNEY BY ASSIGNEE AND REVOCATION OF PREVIOUS POWERS

Commissioner for Patents  
Washington, D.C. 20231

RECEIVED

JUN 18 2002

Technology Center 2100

Dear Sir/Madam:

SUN MICROSYSTEMS, INC., ("assignee"), a Delaware corporation having a place of business at 901 San Antonio Road, Palo Alto, California 94303, certifies that to the best of assignee's knowledge and belief it is the assignee of the entire right, title, and interest in and to the above-referenced patent and represents that the undersigned is a representative authorized and empowered to sign on behalf of the assignee.

Assignee has reviewed the assignment documents that evidence the placement of title in the assignee, true and correct copies of which are attached hereto, and understands and believes that these assignment documents have been submitted for recordation in the U.S. Patent and Trademark Office.

Pursuant to 37 C.F.R. §1.36 and 3.71, the assignee hereby revokes all powers of attorney previously given and appoints

Kenneth Olsen	Reg. No. 26,493
Timothy J. Crean	Reg. No. 37,116
Alexander E. Silverman	Reg. No. 37,940
Anirma R. Gupta	Reg. No. 38,275
Sean P. Lewis	Reg. No. 42,798
Michael J. Schallop	Reg. No. 44,319
Noreen A. Krall	Reg. No. 39,734
Bernice B. Chen	Reg. No. 42,403
Marc D. Foodman	Reg. No. 34,110
Monica D. Lee	Reg. No. 40,696
Pavel Pogodin	Reg. No. P48,205
Elaine K. Lee	Reg. No. 41,936
Hugh H. Matsubayashi	Reg. No. 43,779
Paul D. Sorkin	Reg. No. 39,039
Marilyn E. Glaubensklee	Reg. No. 35,521
Andrew C. Chen	Reg. No. 43,544
Jeffrey L. Myers	Reg. No. 44,252

*each of said attorneys being employed by Sun Microsystems; and*

Mark K. Brightwell	Reg. No. 47,446
Brenna A. Brock	Reg. No. 48,509
Jason L. Burgess	Reg. No. 50,380
Gentry Crook	Reg. No. 44,633
Steve J. Curran	Reg. No. 50,664
Kevin L. Daffer	Reg. No. 34,146
Mark R. DeLuca	Reg. No. 44,649
Mollie E. Hamel	Reg. No. 48,405
Erik A. Heter	Reg. No. 50,652
Jeffrey C. Hood	Reg. No. 35,198
Robert C. Jahnke	Reg. No. 44,800
B. Noël Kivlin	Reg. No. 33,929
Robert C. Kowert	Reg. No. 39,255
Mark Lupkowski	Reg. No. 49,010
Lawrence J. Merkel	Reg. No. 41,191
Anne Marie Mewherter	Reg. No. 50,484
Eric B. Meyertons	Reg. No. 34,876
Louise K. Miller	Reg. No. 36,609
David W. Quimby	Reg. No. 39,338
Rory D. Rankin	Reg. No. 47,884
David A. Rose	Reg. No. 26,223
Doug M. Shamah	Reg. No. 45,093
Theresa A. Takeuchi	Reg. No. 46,941
Mark S. Williams	Reg. No. 50,658

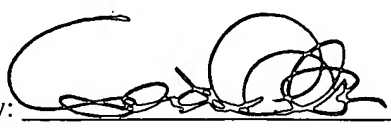
*each of said attorneys or agents being a member or an associate of the firm of Conley, Rose & Tayon, P.C., as attorney or agent for so long as they remain with such company or firm, with full power of substitution and revocation, to prosecute the application, to make alterations and amendments therein, to transact all business in the Patent and Trademark Office in connection therewith, and to receive the Letters Patent.*

Pursuant to 37 C.F.R. §3.71, the assignee hereby states that prosecution of the above-referenced patent application is to be conducted to the exclusion of the inventor(s).

Send all future correspondence to: Robert C. Kowert  
CONLEY, ROSE & TAYON, P.C.  
P.O. Box 398  
Austin, Texas 78767-0398  
(512) 476-1400

Assignee of Interest: SUN MICROSYSTEMS, INC.  
M/S PAL 01-521  
901 San Antonio Road  
Palo Alto, CA 94303

Dated: May 21, 2002

By:   
Name: Kenneth Olsen  
Reg. No.: 26,493  
Title: Vice President, Intellectual Property